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ARLINGTON, VA 22202

**NOTICE OF ALLOWANCE
AND ISSUE FEE DUE**
☐ Note attached communication from the Examiner

☐ This notice is issued in view of applicant's communication filed _____

| SERIES CODE/SERIAL NO. | FILING DATE | TOTAL CLAIMS | EXAMINER AND GROUP ART UNIT | DATE MAILED |
|---|-------------|--------------|-----------------------------|---------------|
| 02/200,972 | 02/02/94 | 004 | THALER, M | 2309 06/13/95 |
| First Named Applicant | | | | |
| YOCK, PAUL G. | | | | |
| TITLE OF INVENTION | | | | |
| ANGIOPLASTY APPARATUS FACILITATING RAPID EXCHANGES AND METHOD | | | | |

| ATTY'S DOCKET NO. | CLASS-SUBCLASS | BATCH NO. | APPLN. TYPE | SMALL ENTITY | FEE DUE | DATE DUE |
|-------------------|----------------|-----------|-------------|--------------|-----------|----------|
| 3 15000.0029.0 | 506-191.000 | MS1 | UTILITY | NO | \$1210.00 | 09/13/95 |

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED.**

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:
I. Review the SMALL ENTITY Status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
- B. If the Status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.

If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date), serial number and batch number.

Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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| | | | |
|---------------|-------------|-----------------------|---------------------|
| SERIAL NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO. |
|---------------|-------------|-----------------------|---------------------|

| |
|----------|
| EXAMINER |
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| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

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DATE MAILED:

NOTICE OF ALLOWABILITY

PART I.

1. ☐ This communication is responsive to _____
2. ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
3. ☒ The allowed claims are _____
4. ☐ The drawings filed on _____ are acceptable.
5. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [] been received, [] not been received, [] been filed in parent application Serial No. _____, filed on _____
6. ☒ Note the attached Examiner's Amendment.
7. ☐ Note the attached Examiner Interview Summary Record, PTOL-413.
8. ☒ Note the attached Examiner's Statement of Reasons for Allowance.
9. ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
10. ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
2. ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - a. ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 7. CORRECTION IS REQUIRED.
 - b. ☐ The proposed drawing correction filed on _____ has been approved by the examiner. CORRECTION IS REQUIRED.
 - c. ☒ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - d. ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- | | |
|---|---|
| - Examiner's Amendment | - Notice of Informal Application, PTO-152 |
| - Examiner Interview Summary Record, PTOL-413 | - Notice re Patent Drawings, PTO-948 |
| - Reasons for Allowance | - Listing of Bonded Draftsmen |
| - Notice of References Cited, PTO-892 | - Other |
| - Information Disclosure Citation, PTO-1449 | |

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An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Lnych on May 31, 1995.

The application has been amended as follows:

The amendment filed May 16, 1995 has been entered.

Claims 19-22 and 30-36 have been cancelled.

IN THE DRAWINGS

The following changes to the drawings have been approved by the Examiner and agreed upon by applicant: In fig. 13, tubular member 87 should be shown as being broken above the break of member 97 rather than at the extreme right end. In order to avoid abandonment of the application, applicant must make the above agreed upon drawing changes.

REASONS FOR ALLOWANCE

Claim 18 is allowable over the newly cited Hussein et al. reference because this reference fails to show or suggest a means on the distal end of the shaft section to perform an intravascular procedure which is spaced closer to the distal guidewire opening than the proximal guidewire opening, in combination with all of the other elements in claim 18. In fig. 9 of Hussein et al., the means

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on the distal end of the shaft section to perform an intravascular procedure (heat generating element 506) is not spaced closer to the distal guidewire opening than the proximal guidewire opening as claimed. Claims 23, 26 and 28 are clearly allowable over the Hussein et al. reference because heat generating element 506 of Hussein et al. is clearly not an inflatable balloon as claimed and does not have a distal end spaced closer to the distal guidewire opening than the proximal end is spaced from the proximal guidewire opening.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Thaler whose telephone number is (703) 308-2981.

mht
June 2, 1995


MICHAEL THALER
PRIMARY EXAMINER
ART UNIT 3309